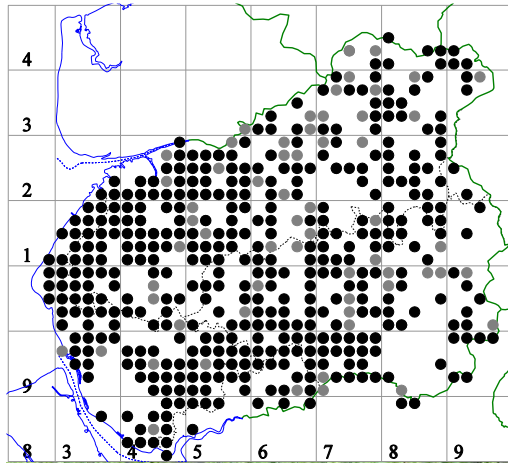


CALLITRICHACEAE

Water-starwort family

Callitriche L.

Water-starworts



Hoscar Moss G Clarkson 2020



Bamber Bridge DP Earl 2020

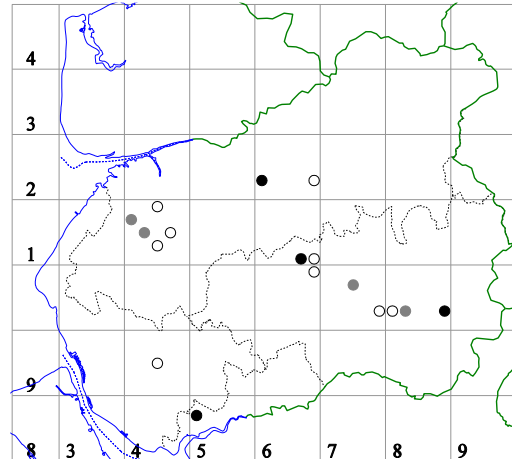
Status & distribution: Native, Least Concern (Red List for England);

Habitat: Ditches, ponds, canals, reservoirs, mill lodges, streams, shallow pools, on exposed mud, cattle trod wet ground, moorland flushes and pools.

Comments: There are some edits to data to be carried out for this genus and the creation of revised maps (as for *Callitriche brutia* Petagna ssp. *hamulata*) as a consequence of taxonomic revisions.

Callitriche hermaphroditica L.

Autumnal Water-starwort



Status & distribution: Native, Least Concern (Red List for England),

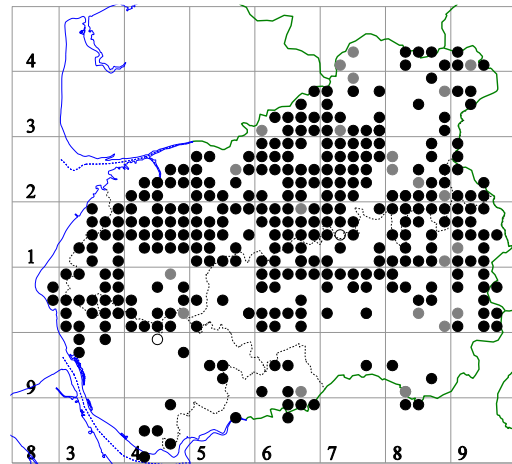
Axiophyte; there are post 1994 records from Upton Rocks (SJ58D, J Guest, 1998); High Rid Reservoir (SD61Q, J Lowell, 1998); Withnell Fold Nature Reserve (SD62, D Bentley, 1995).

Habitat: Reservoirs and mill lodges; formerly, canals and springs.

Comments: Plants may still occur at some of the historic locations; this species has possibly been overlooked in recent times.

Callitriche stagnalis Scop.

Common Water-starwort

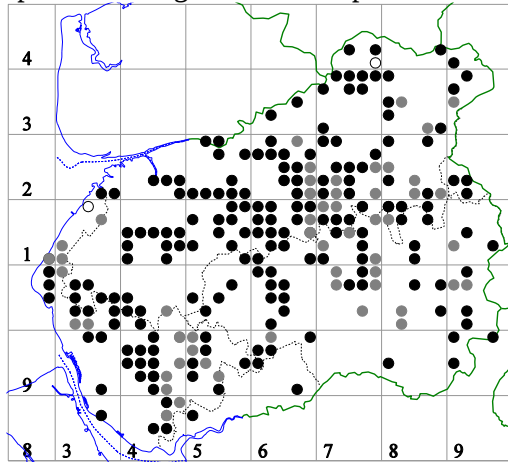


Status & distribution: Native, Least Concern (Red List for England); generally common wherever suitable habitats exist, although scarce in the most urban areas.

Habitat: Ditches, ponds, canals, reservoirs, streams, shallow pools, on exposed mud, cattle trod wet ground, moorland flushes and pools.

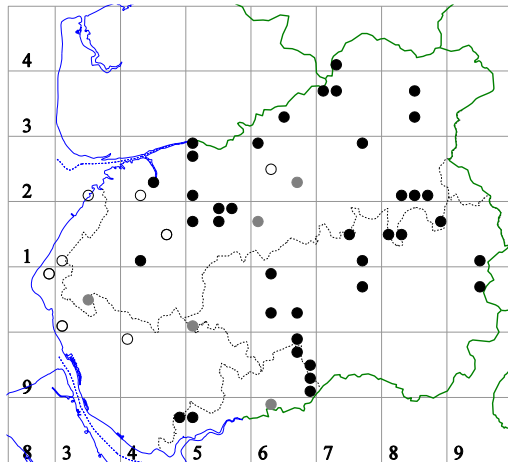
Comments: Although Water-starwort is often recorded as *Callitriche* agg. or *C.*

stagnalis s.l. it is thought that *C. stagnalis* s.s. is the most commonly occurring species of the genus – see map below.



***Callitriche platycarpa* Kütz.**

Various-leaved Water-starwort



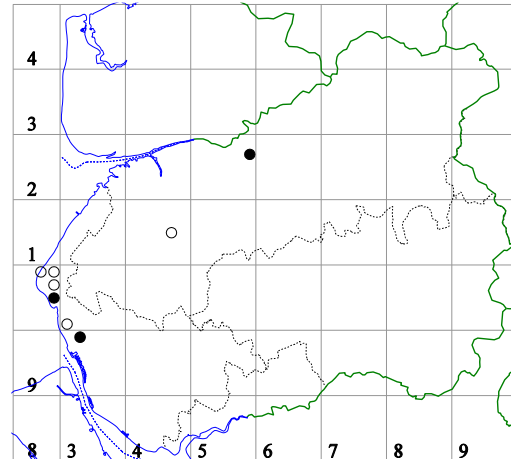
Status & distribution: Native, Least Concern (Red List for England), Axiophyte; possibly widespread with a number of recent records mainly by D Bentley from pond surveys.

Habitat: Ditches, marl pits and mill lodges.

Comments: The *Greenlees & Holden* (1920) records from the Bolton area for *C. palustris* possibly relate to this species.

***Callitriche obtusangula* Le Gall**

Blunt-fruited Water-starwort

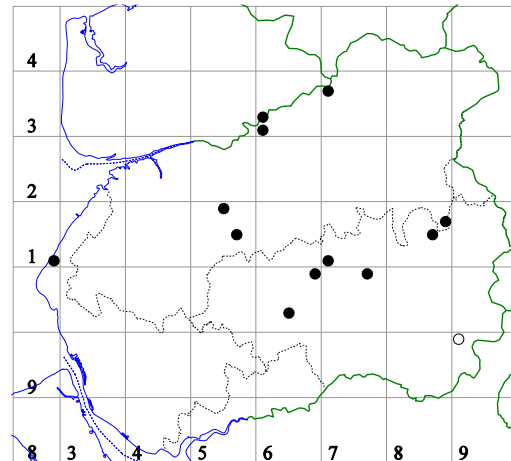


Status & distribution: Native, Least Concern (Red List for England); Scarce (3) and declining at lower altitudes, mainly on the coastal plain, there are post 1994 records from Rimrose Valley (SJ39J, V Gordon, 1995); in a marl-pit near Gregson Lane (SD52Y, J Guest, 1995); Altcar Rifle Range (SD2910, PH Smith, 2016).

Habitat: Ponds, ditches and canals.

Callitriche brutia* Petagna ssp. *brutia

Pedunculate Water-starwort



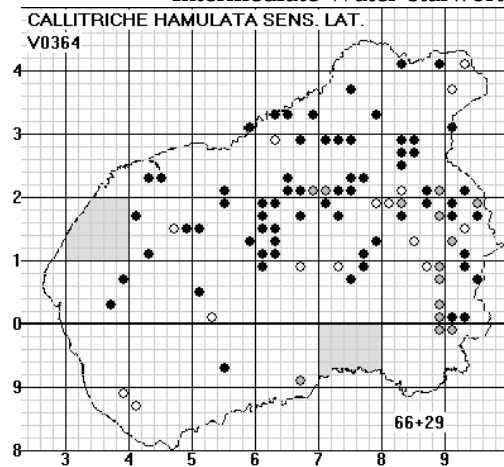
Status & distribution: Native, Least Concern (Red List for England), Axiophyte; widely distributed but occasional.

Habitat: Ponds, pools, mill lodges and reservoirs.

Comments: Thought to be first recorded as *C. intermedia* var. *pedunculata* from Ashton Moss (SJ99E, *Flora of Ashton* 1888); probably under-recorded.

Callitriche brutia* Petagna ssp. *hamulata
(Kütz. ex W.D.J. Koch) O. Bolòs & Vigo

Intermediate Water-starwort



Status & distribution: Native, Least Concern (Red List for England), Axiophyte; local in the lowlands, most frequent in the hill districts.

Habitat: In ponds, marl pits, ditches, canals, reservoirs and mill lodges and moorland streams.

Comments: The var. *homoiophylla* Gre. & Godr. was recorded from Rivington Moor, Belmont (JD Massey, 1938).